

FORM PTO-1449 U.S. Department of Commerce (Rev. 4/92) Patent and Trademark Office INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO. 520.38161CX3	SERIAL NO. 10/632,855 Not yet assigned
	APPLICANT K. ARUGA	
	FILING DATE August 4, 2003	GROUP 2187

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
GJP	5 7 6 8 5 5 1	6/98	Bleiweiss et al	710	316	
↑	6 1 4 8 4 1 4	11/00	Brown et al	714	8	
	6 0 2 3 7 5 4	2/00	DuLac et al	712	33	
	5 6 9 9 5 3 3	12/97	Sakai	710	316	
	6 3 2 4 1 8 1	11/01	Wong et al	370	403	
	6 2 4 7 0 7 7	6/01	Muller et al	710	74	
	6 1 8 5 2 0 3	2/01	Berman	370	351	
↓	5 8 6 7 6 4 0	2/99	Aguilar et al	714	6	
GJP	6 5 4 2 9 5 4	4/03	Aruga	710	316	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT	
						YES	NO
GJP	1 0 1 7 1 7 4 6	6/98	Japan			XX	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER GARY J. PORTKA	DATE CONSIDERED 12/9/04
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GJP	5 7 2 9 7 6 3	3/98	Leshem	710	38	
↑	5 4 7 1 5 8 6	11/95	Sefidvash et al	710	104	
↓	5 2 7 4 6 4 5	12/93	Idelman et al	714	6	
	5 0 7 7 7 3 6	12/97	Dunphy, Jr. et al	714	7	
GJP	6 4 0 1 1 2 8	6/02	Stal et al	709	236	

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					YES NO

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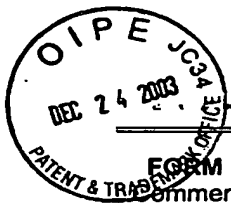
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Kazuhisa ARUGA

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